

Reference	SSM74083
Models	Range Rover Velar / L560
Title	Click Noise from the front of the vehicle during steering at PDI (with wheels on the ground)
Category	Chassis
Last modified	17-Sep-2018 00:00:00
Symptom	303000 Steering/Handling
Attachments	1Nut.JPG (1Nut.JPG)
Content	Click Noise from the front of the vehicle during steering at PDI (with wheels on the ground)

Issue:

At PDI there is a click noise from the front of the vehicle when turning the steering wheel (with the wheels on the ground). Noise is audible outside and inside the vehicle.

Cause:

Hub/Knuckle joint not fully consolidated. Attached image shows fixing that is related to this concern.

Action:

1. Tighten existing hub nut to 170Nm
2. Remove old hub nut and discard - DO NOT USE Air or Electric tools - remove by hand and use hand tools.
3. Fit new hub nut - DO NOT USE Air or Electric tools.
4. Apply 80Nm Torque.
5. Apply 60° Angle.

Note: New hub / bearing assembly is not required.

Note: Process only applies to all wheel drive variants **at PDI**.

Vehicles with higher mileage displaying this issue will require the wheel bearing replaced as per Topix Procedure 204-01: Front Suspension: Front Wheel Bearing and Wheel Hub AWD

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.